



THE PROFIT IN SUGAR CANE.

As Based on Statistics Quoted and Commented Upon by Southern Cultivator.

Statistics furnished by competent authority show that under favorable conditions and with proper attention to the crop \$100 profit can be realized on one acre of sugar cane. This statement is based upon a crop of 32 tons of cane, which will yield 132 pounds of sugar and nine gallons of molasses per ton, or 4,224 pounds of sugar and 388 gallons of molasses per acre.

Placing the value of the sugar at 3 cents per pound and molasses at 30 cents per gallon, the value of the crop would be \$218 per acre. The same writer places the cost of production at \$113, as the highest estimate, which would leave a net profit of \$105 per acre. Such a crop would be equivalent to five bales of cotton per acre, allowing one bale for expenses of production and four bales as net profit.

Of course such cane cannot be grown successfully unless the land is specially suited for the crop and there are facilities for manufacturing the sugar and molasses. But, as popular authority as The Southern Cultivator says that it can be safely calculated that the extensive culture of cane would be a source of profit to South Georgia and Florida farmers. There is scarcely a plantation of any extensive proportions in these sections which has not the very best lands for growing this crop. And there is no reason why it should not be cultivated in such quantities as would authorize the establishment of sugar manufacturing in these states. If Louisiana can make money on cane, Georgia and Florida should do the same thing.

Height of Beehives.

In many apiaries the hives stand near the ground upon a piece of joist 3 or 4 inches wide, or upon bricks, one under each corner. In others the hives stand a foot high, and again hives may be seen two or three feet high perched on posts. As far as the bees are concerned, it does not matter whether hives be high or low, although, judging by the habits of the bees, the higher the hive is the better they would like it. But the beekeeper is the one to be accommodated by the position of the hive. He will place it at the height where it will be most convenient for him.

It is extraordinary that the hives in the majority of apiaries are not placed to give the beekeeper the best advantage, owing perhaps to the idea held by some beekeepers that it is good—essential—to have the bees near the ground. An Ohio Farmer correspondent says that the best arrangement for bees is a platform upon posts sunk in the ground at frequent intervals.

If the platform have a roof, it makes it all the better for the bees and the beekeeper during the warm weather. The roof should be portable and not be put on before June, because bees want all the sun they can get up to that time.

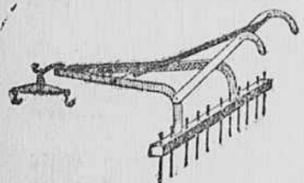
Close Planting For Tobacco.

The question is often asked as to the best width to put out the tobacco crop. A special correspondent in the Kentucky Home and Farm says:

As for ourselves we have always advocated close planting. Some say it will take too many sticks, or too many plants, or the worms are too difficult to find. Very well, plant less crop. As long as color holds sway in the market, close planting is the best—that is, close enough that when the plants come to maturity the surface of the land will be covered, thereby keeping the sun from heating the roots of the plants and preventing the winds from wearing the ends of the leaves when lying on the ground. To do this, on good average land, we would lay the furrows not exceeding three feet and four inches, and the plants not more than 22 inches; on very rich land a little wider and on poorer land somewhat closer. After the land has been broken, manure should be spread and thoroughly incorporated into the soil by the harrow.

A Cheap Cultivator.

As level and shallow cultivation is being practiced more and more each year by progressive farmers, and as nearly every farmer has one or more shovel plows, the sketch originally drawn for Ohio Farmer shows how they may be made into a very useful tool at small expense.



A SATISFACTORY CULTIVATOR. The crosshead is made of 8 by 3 hard wood, the length to suit width of rows, and filled with two rows of teeth made of old steel hayrake teeth, 10 inches long, each row of teeth being 3 inches apart and set so that the rear row will come half way between the front ones, making the teeth to cut 1 1/2 inches each. The crosshead should be bolted on rear of front beam and in front of rear beam, so that it will be nearer at right angle with the row. The teeth should incline slightly forward. It may be necessary to change the crosshead some to suit the condition of the soil. The farmer who describes

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WM. EDWARD ROBSON.



DR. DIO LEWIS. Writing over his own signature said: "The very marked testimonials from college professors, and respectable physicians to the value of Warner's Safe Cure greatly surprised me. Many of these gentlemen I know, and reading their testimony I was impelled to purchase some bottles of the Safe Cure and analyze them. Besides, I took some, swallowing three times the prescribed quantity. I frankly state that if I found myself the victim of a serious kidney trouble I should use Safe Cure, and there is no doubt that it is one of those happy discoveries which occasionally bring help to suffering humanity."



R. A. GUNN, M. D., New York. "A personal friend, whose application for life insurance had been rejected, was cured under my direction by the use of Warner's Safe Cure. After this demonstration of its powers, I prescribed it with the most satisfactory results. "In a large class of ailments where the blood is in an unhealthy state—where there is no evidence of organic mischief, but where the general health is depleted, the face sallow, the urine colored, constituting the 'bilious' condition—the advantage gained from the use of Warner's Safe Cure is remarkable, and I am glad to acknowledge and commend it thus favorably."

R. A. GUNN, M. D.

Can you not see that so great and beneficial a remedy may be just what you require to add to your health and happiness and possibly prolong your life?

this tool says: "I hit upon this plan of making a practical tool for working my mangles last season, as the garden rake was too slow and the cultivator threw too much dirt. It gave such good satisfaction that I worked a piece of corn on a steep hillside with it exclusively, it doing good work and leaving the ground as smooth as that on the level."

GREEN MANURING WITH COWPEAS.

Do Not Turn the Vines Under Green, but Convert Into Hay.

The cultivation of cowpeas as a renovating crop is now recognized by progressive farmers as an important factor in improved southern agriculture. It has often been said that the "cowpea is the clover of the south," and the remark is both apt and true in every respect. It is understood by all intelligent reading farmers that the cowpea, like the clover and other legumes, gathers nitrogen—the most valuable and otherwise costly constituent of plant and animal foods—from the atmosphere by means of a peculiar process not yet thoroughly understood. It also draws upon the deep subsoil for supplies of phosphoric acid, lime and potash not available to ordinary surface rooted crops.

But the idea is current among farmers that the best disposition of the crop of cowpeas is to "turn them under." At the Georgia experiment station an experiment covering two years was undertaken to determine what disposition of the cowpea is best, economically considered.

From a bulletin issued on the subject it is learned that the two experiments agree with remarkable closeness, and the results may be accepted as conclusive. Therefore the "conclusions" reached are confirmed and adopted as follows: 1. That the best disposition of a crop of field peas is to convert the vines into hay. 2. The next best is to permit the peas to ripen and gather them or pasture them. 3. Turning the vines under green gave the poorest economic results.

It may be truly said that the practice of turning under a crop of cowpea vines—ready for the mower, and in a few days for the barn and for the cattle—has no more reason to sustain it than would the practice of turning under a crop of wheat, oats, corn or cotton at its most vigorous stage of growth. Nearly every form of stock food would be a valuable and effective fertilizer if applied immediately and directly to the soil, but the farmer, in an economic sense, can no more afford to manure his soil with a crop of pea vines that are ready to mow than he can to sow good, sound wheat bran on his land as a fertilizer.

At this station for hay the erect varieties of peas are preferred to those of recumbent habit, since the mower cuts them all. The best of the erect varieties are the Unknown Clay and Whip-poorwill.

In Church.

Just in front of my pew sits a maiden,  
A little brown wing on her hat,  
With its touches of tropical azure  
And sheen of the sun upon that  
Through the bloom colored pane shines a glory  
By which the vast shadows are stirred,  
But I pine for the spelt and splendor  
That painted the wing of the bird.  
The organ rolls down its great anthem,  
With the soul of a song in her throat,  
But for me I am sick for the singing  
Of one little song that is spent.  
Of me little song that is spent.  
The voice of the curate is gentle—  
"No sparrow shall fall to the ground!"  
But the poor broken wire on the bonnet  
Is mocking the merciful sound.  
—Christian Register.  
But why should I judge another?  
Perhaps I'm as much of a sinner  
When I think of my fishballs at breakfast  
Or the trout I may have for my dinner.  
That codfish—how joyous it floated  
On the waves of the glorious sea!  
That trout that's now may be sporting  
On the top of the brook happily!  
—Houston Commonwealth.

JOHN B. LOUGHRAN'S Pioneer Instalment House, 205 and 207 CHURCH STREET, Yes, Mine is an Instalment House.

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- \$75 Worth, \$1.50 Cash, \$1.50 Weekly.
- \$100 Worth, \$2 Cash, \$2 Weekly.

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